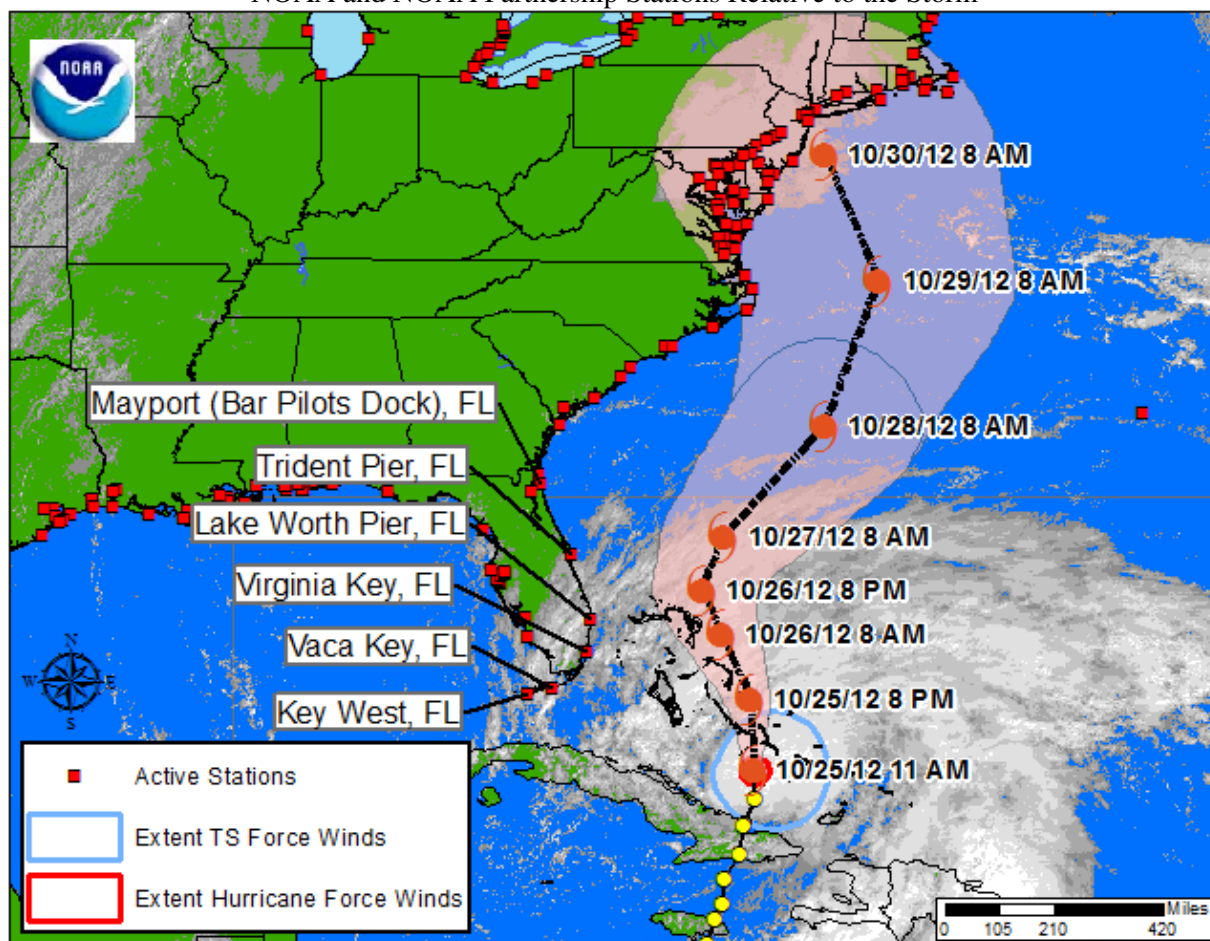




Hurricane SANDY QuickLook  
Posted: 12:00 EDT 10/25/2012

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 10/25/2012 12:00 EDT, water levels from the Florida Keys to Trident Pier, FL are slightly elevated and range between 0.2 and 1.0 feet above tidal predictions. Water levels at Mayport, FL are at or near predicted tide levels. Winds range from 10 to 25 knots, with slightly higher gusts. Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tides are 1.9 ft (0.59 m) at 10/25/2012 20:02 EDT and 1.9 ft (0.58 m) at 10/26/2012 08:38 EDT.

Vaca Key, FL: Next predicted high tides are 1.0 ft (0.30 m) at 10/25/2012 12:08 EDT and 1.0 ft (0.32 m) at 10/26/2012 00:38 EDT.

Hurricane SANDY QuickLook, POSTED 12:00 EDT 10/25/2012

Virginia Key, FL: Next predicted high tides are 2.6 ft (0.78 m) at 10/25/2012 18:35 EDT and 2.6 ft (0.81 m) at 10/26/2012 07:10 EDT.

Lake Worth Pier, FL: Next predicted high tides are 3.3 ft (0.99 m) at 10/25/2012 17:50 EDT and 3.4 ft (1.06 m) at 10/26/2012 06:21 EDT.

Trident Pier, FL: Next predicted high tides are 4.0 ft (1.22 m) at 10/25/2012 17:29 EDT and 4.2 ft (1.31 m) at 10/26/2012 06:01 EDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 5.4 ft (1.64 m) at 10/25/2012 18:27 EDT and 5.6 ft (1.71 m) at 10/26/2012 06:54 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

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SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

HURRICANE SANDY ADVISORY NUMBER 13  
1100 AM EDT THU OCT 25 2012

...SANDY APPROACHING THE CENTRAL BAHAMAS...

WATCHES AND WARNINGS

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SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- \* FLORIDA EAST COAST FROM OCEAN REEF TO FLAGLER BEACH
- \* LAKE OKEECHOBEE

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- \* FLORIDA EAST COAST FROM NORTH OF FLAGLER BEACH TO FERNANDINA BEACH
- \* FLORIDA UPPER KEYS FROM OCEAN REEF TO CRAIG KEY
- \* FLORIDA BAY

INTERESTS ELSEWHERE ALONG THE EAST COAST OF THE UNITED STATES SHOULD MONITOR THE PROGRESS OF SANDY.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING

POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

#### DISCUSSION AND 48-HOUR OUTLOOK

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AT 1100 AM EDT THE CENTER OF HURRICANE SANDY WAS LOCATED ABOUT 65 MI SSW OF LONG ISLAND OR ABOUT 85 MI SSE OF GREAT EXUMA ISLAND. SANDY IS MOVING TOWARD THE NORTH NEAR 16 MPH AND THIS MOTION IS EXPECTED TO CONTINUE TODAY. A TURN TOWARD THE NORTH-NORTHWEST AND A DECREASE IN FORWARD SPEED ARE EXPECTED TONIGHT. ON THE FORECAST TRACK THE CENTER OF SANDY WILL MOVE THROUGH THE CENTRAL BAHAMAS LATER TODAY AND TONIGHT AND MOVE NEAR THE NORTHWESTERN BAHAMAS ON FRIDAY.

DATA FROM AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS REMAIN NEAR 105 MPH WITH HIGHER GUSTS. SANDY IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON HURRICANE WIND SCALE. SOME WEAKENING IS FORECAST DURING THE NEXT 48 HOURS...BUT SANDY IS EXPECTED TO REMAIN A HURRICANE AS IT MOVES THROUGH THE BAHAMAS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 30 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES.

THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY THE AIRCRAFT IS 964 MB.

#### HAZARDS AFFECTING LAND

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WIND...TROPICAL STORM CONDITIONS ARE EXPECTED IN THE WARNING AREA ALONG THE EAST COAST OF FLORIDA TONIGHT AND FRIDAY...AND ARE POSSIBLE IN THE WATCH AREA FRIDAY NIGHT.

RAINFALL...SANDY IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 1 TO 3 INCHES ARE POSSIBLE ACROSS THE FLORIDA KEYS INTO SOUTHEAST AND EAST-CENTRAL FLORIDA.

STORM SURGE...THE COMBINATION OF A DANGEROUS STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

FLORIDA COAST WITHIN WARNING AREA...1 TO 2 FT

SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

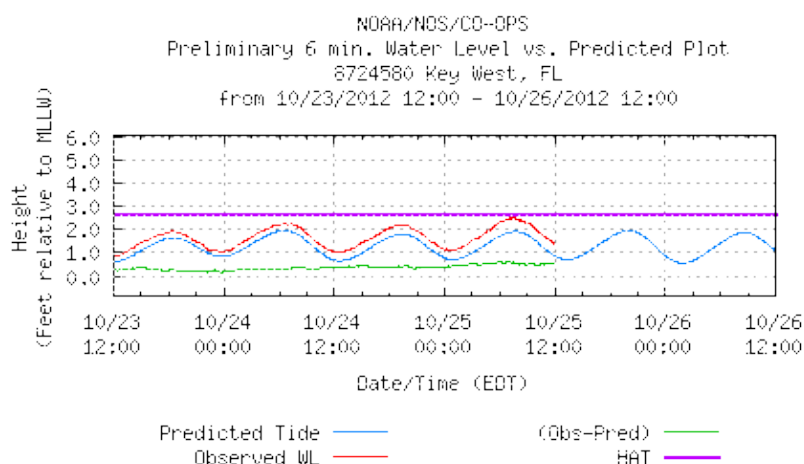
FORECASTER BRENNAN

## Hurricane SANDY QuickLook, POSTED 12:00 EDT 10/25/2012

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Barometric](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Virginia Key - Barometric](#), [Lake Worth Pier - Water Level](#), [Lake Worth Pier - Winds](#), [Lake Worth Pier - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#),

[Key West, FL - Return to List](#)

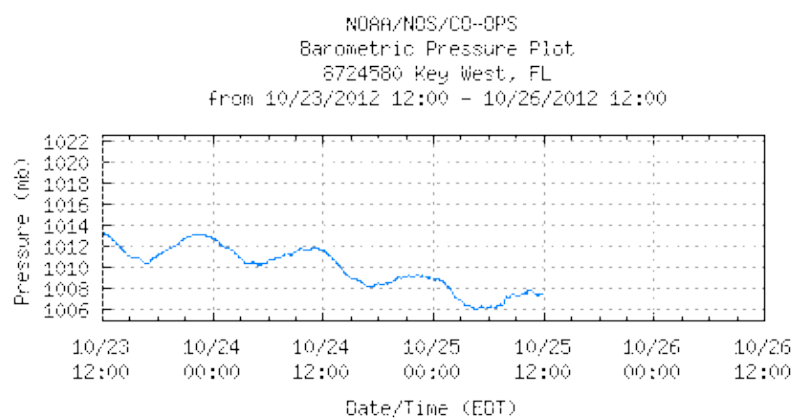


Last Observed Sample: 10/25/2012 11:54 (EDT)

Relative to MLLW: **Observed: 1.39 ft. Predicted: 0.88 ft. Residual: 0.51 ft.**

Historical Maximum Water Level: Oct 24 2005, 3.14 ft. above MHHW

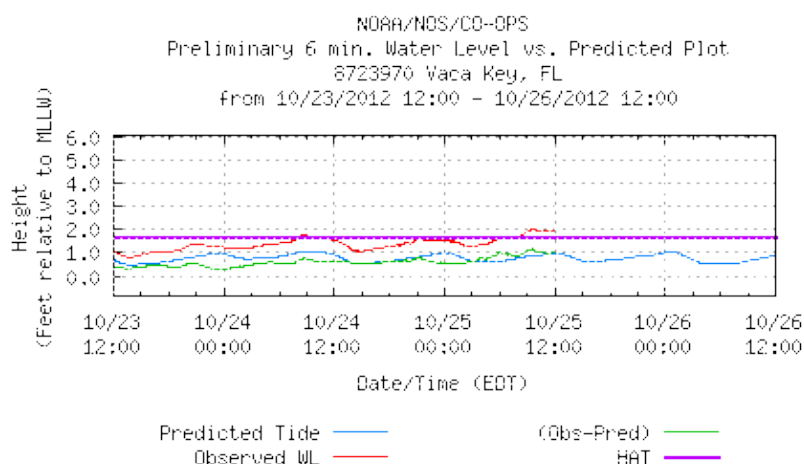
[Key West, FL - Return to List](#)



Last Observed Sample: 10/25/2012 11:54 (EDT)

**Barometric Pressure: 1007.6 mb**

Vaca Key, FL - Return to List

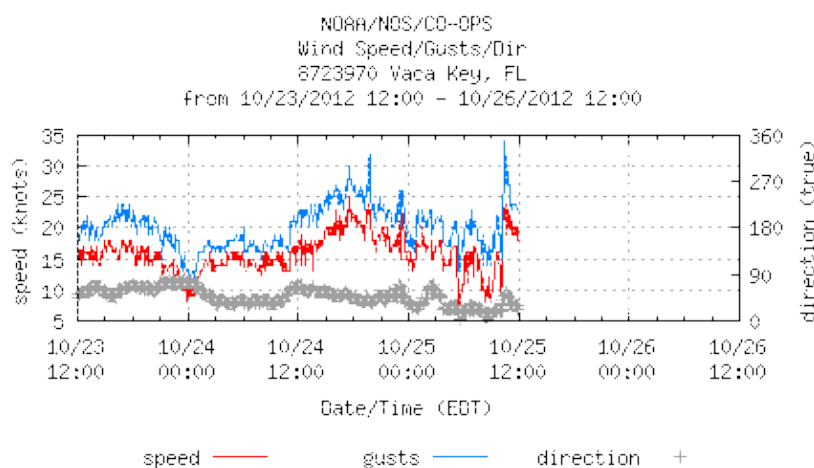


Last Observed Sample: 10/25/2012 11:54 (EDT)

Relative to MLLW: **Observed: 1.98 ft.** **Predicted: 0.97 ft.** **Residual: 1.01 ft.**

Historical Maximum Water Level: Oct 24 2005, 5.8 ft. above MHHW

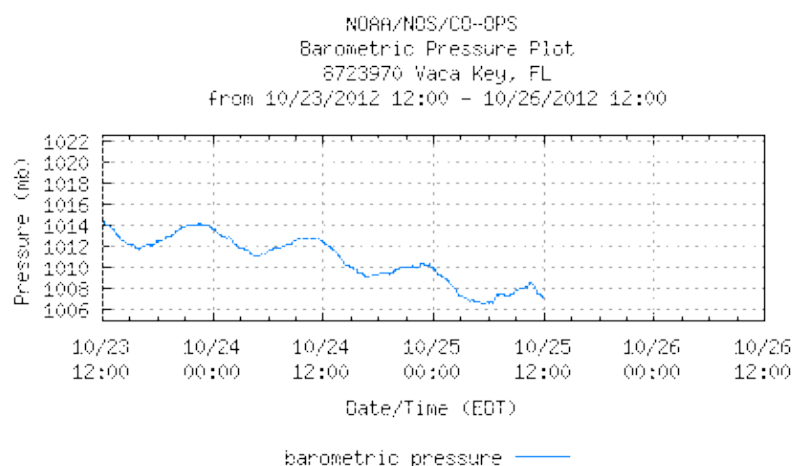
Vaca Key, FL - Return to List



Last Observed Sample: 10/25/2012 11:54 (EDT)

**Wind Speed: 18 knots** **Gusts: 23 knots** **Direction: 23° T**

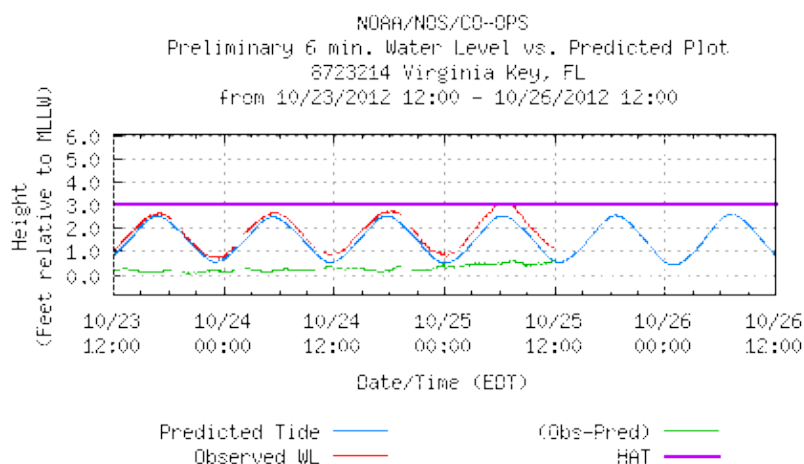
Vaca Key, FL - Return to List



Last Observed Sample: 10/25/2012 11:54 (EDT)

Barometric Pressure: 1007.2 mb

Virginia Key, FL - Return to List

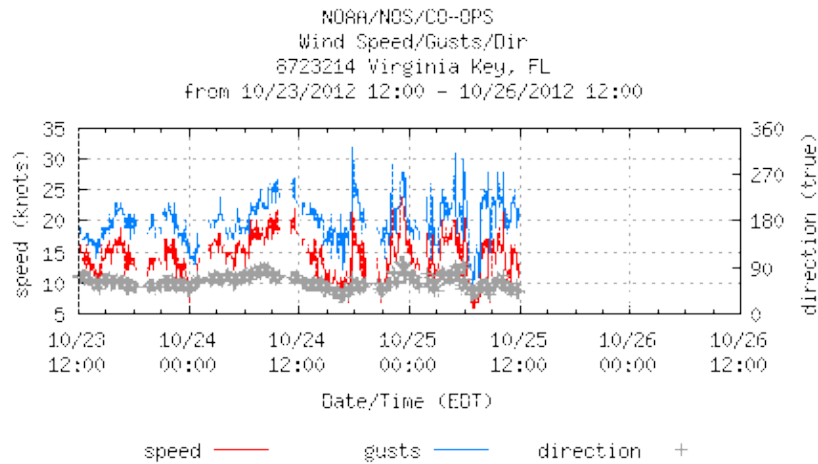


Last Observed Sample: 10/25/2012 12:00 (EDT)

Relative to MLLW: Observed: 1.18 ft. Predicted: 0.59 ft. Residual: 0.59 ft.

Historical Maximum Water Level: Oct 24 2005, 2.58 ft. above MHHW

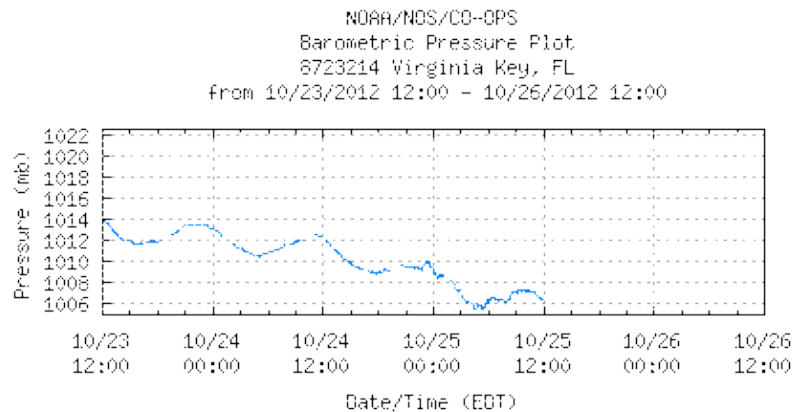
Virginia Key, FL - Return to List



Last Observed Sample: 10/25/2012 12:00 (EDT)

Wind Speed: 14 knots Gusts: 22 knots Direction: 51° T

Virginia Key, FL - Return to List

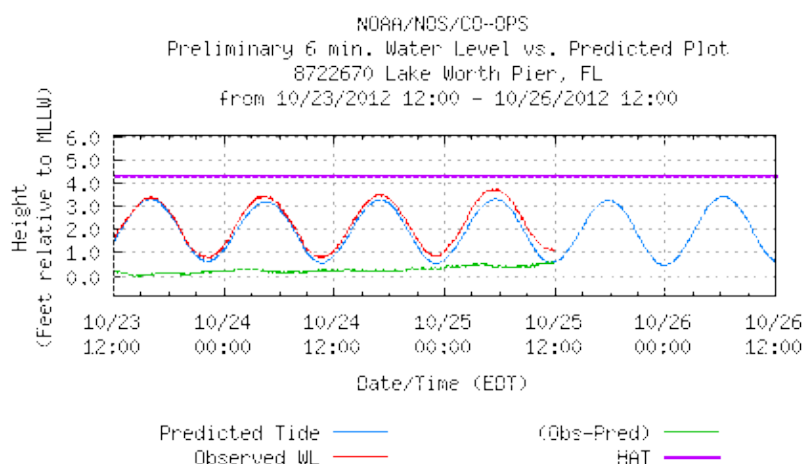


Last Observed Sample: 10/25/2012 12:00 (EDT)

Barometric Pressure: 1006.3 mb



Lake Worth Pier, FL - Return to List

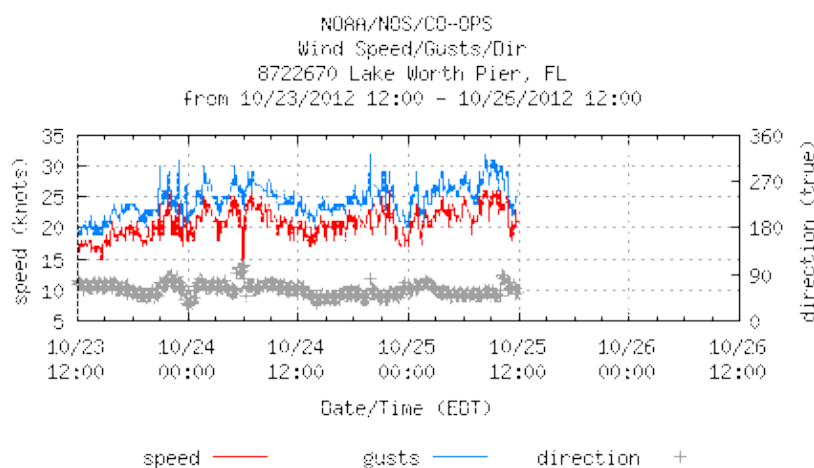


Last Observed Sample: 10/25/2012 11:54 (EDT)

Relative to MLLW: **Observed: 1.15 ft.** **Predicted: 0.59 ft.** **Residual: 0.56 ft.**

Historical Maximum Water Level: Nov 23 1984, 1.88 ft. above MHHW

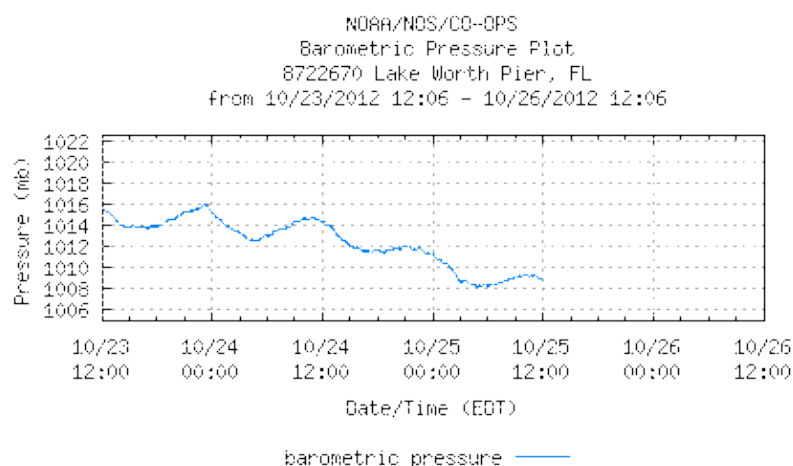
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/25/2012 11:54 (EDT)

**Wind Speed: 21 knots** **Gusts: 26 knots** **Direction: 55° T**

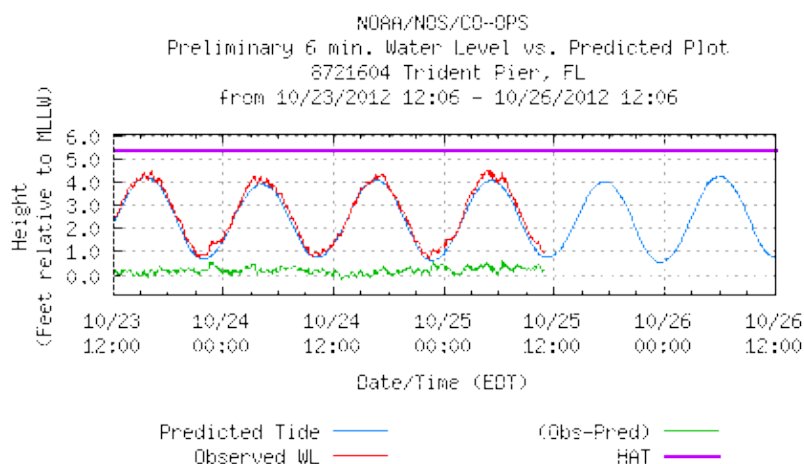
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/25/2012 11:54 (EDT)

Barometric Pressure: 1008.8 mb

Trident Pier, FL - Return to List

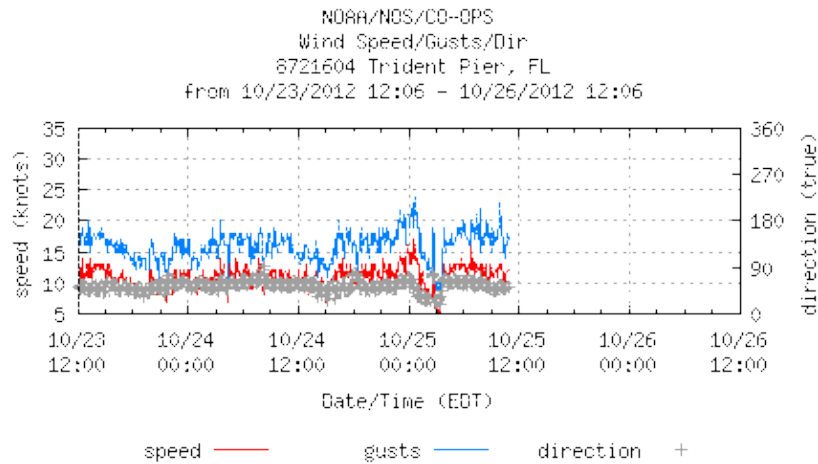


Last Observed Sample: 10/25/2012 10:54 (EDT)

Relative to MLLW: Observed: 0.98 ft. Predicted: 0.79 ft. Residual: 0.19 ft.

Historical Maximum Water Level: Sep 26 2004, 4.01 ft. above MHHW

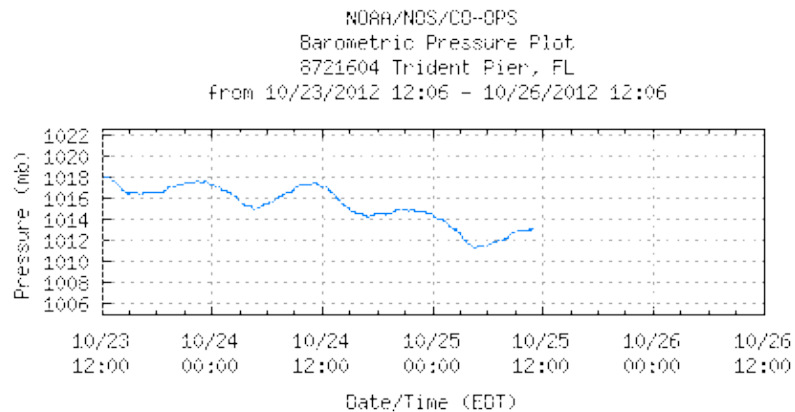
Trident Pier, FL - Return to List



Last Observed Sample: 10/25/2012 10:54 (EDT)

Wind Speed: 12 knots Gusts: 17 knots Direction: 53° T

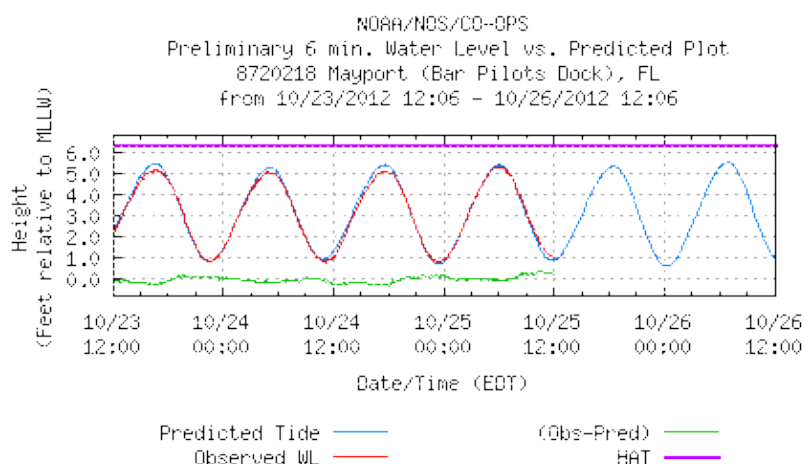
Trident Pier, FL - Return to List



Last Observed Sample: 10/25/2012 10:54 (EDT)

Barometric Pressure: 1013.1 mb

Mayport (Bar Pilots Dock), FL - Return to List

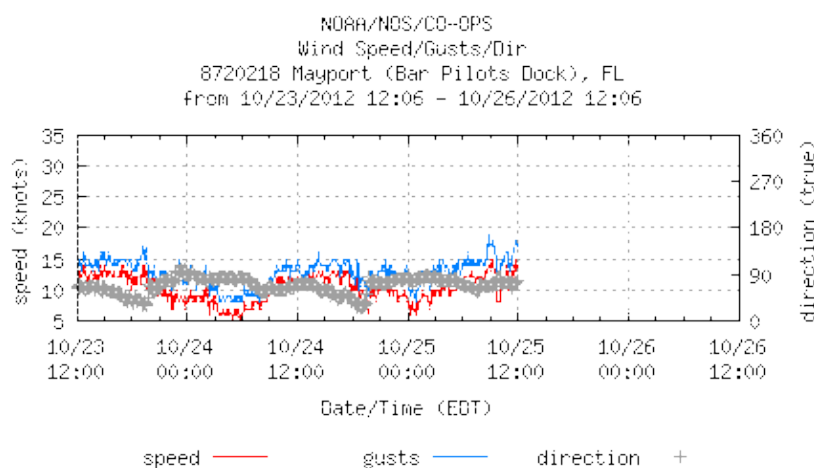


Last Observed Sample: 10/25/2012 11:54 (EDT)

Relative to MLLW: **Observed: 1.02 ft.** **Predicted: 0.84 ft.** **Residual: 0.18 ft.**

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

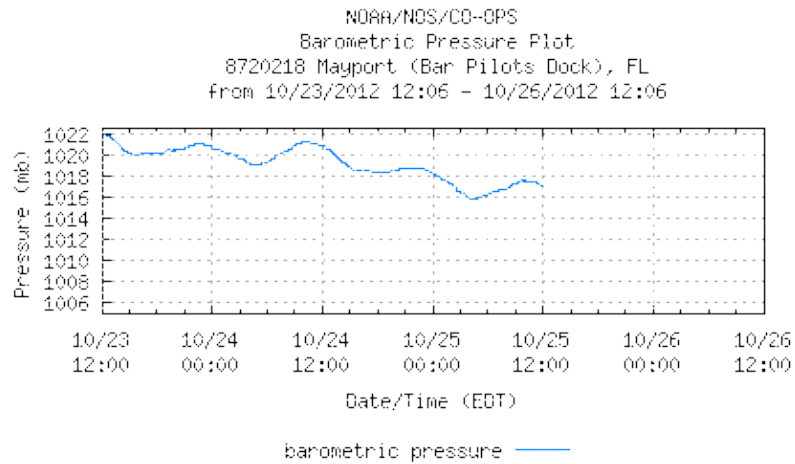
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 10/25/2012 11:54 (EDT)

**Wind Speed: 14 knots** **Gusts: 17 knots** **Direction: 78° T**

[Mayport \(Bar Pilots Dock\), FL - Return to List](#)



Last Observed Sample: 10/25/2012 11:54 (EDT)

**Barometric Pressure: 1017.0 mb**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce